Search Notes

| Ref<br>#   | Hits | Search Query                                 | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|------------|------|--|---|---------------------|---------|------------------|
| <b>1</b> 1 | 131  | (438/463).CCLS.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/10/26 16:23 |
| L2         | 1044 | (438/455).CCLS.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/10/26 16:23 |
| L3         | 711  | (438/458).CCLS.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/10/26 16:24 |
| L4         | 0    | ("RAYSSAC-OLIVIER.in.").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/10/26 16:25 |
| L5         | 54   | RAYSSAC-OLIVIER.in.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/10/26 16:25 |
| L6         | 16   | RAYSSAC-OLIVIER.in. and rough\$4             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/10/26 16:25 |
| L7         | 7    | RAYSSAC-OLIVIER.in. and rough\$4 and ion     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/10/26 16:25 |
| S1         | 8177 | rough\$4 and ion with plasma                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/03/16 23:46 |
| S2         | 4726 | surface with rough\$4 and ion with<br>plasma | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/03/16 23:56 |

| <b>S3</b> | 66  | surface with rough\$4 and ion with cluster with plasma                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .    | ON  | 2005/03/16 23:56 |
|-----------|-----|---|---|---------|-----|------------------|
| S4        | 1   | surface with rough\$4 and ion with<br>cluster with plasma and<br>detachable with substrate  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON  | 2005/03/16 23:57 |
| S5        | 1   | surface with rough\$4 and ion with<br>cluster with plasma and<br>detachable                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON  | 2005/03/16 23:57 |
| S6        | 44  | surface with rough\$4 and ion with<br>plasma and detachable with<br>substrate               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR<br>- | ON  | 2005/10/03 01:19 |
| S7        | 4   | surface with rough\$4 and argon<br>with ion same plasma and<br>detachable with substrate    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON  | 2005/03/17 00:02 |
| S8        | 1   | surface with rough\$4 and nitrogen<br>with ion same plasma and<br>detachable with substrate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON  | 2005/03/16 23:58 |
| S9        | 107 | (438/463).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .    | OFF | 2005/10/26 16:23 |
| S10       | 911 | (438/455):CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/10/26 16:23 |
| S11       | 606 | (438/458).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/10/26 16:23 |
| S12       | 24  | surface with rough\$4 and ion with<br>plasma and detachable with<br>substrate and etch\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON  | 2005/03/17 00:00 |

| S13 |     | surface with rough\$4 and argon<br>with ion same plasma and<br>detachable with substrate and<br>etch\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/20 15:55 |
|-----|-----|---|---|----|----|------------------|
| S14 | 343 | surface with rough\$4 and argon<br>with ion same plasma and etch\$3                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/20 15:55 |
| S15 | 46  | surface with rough\$4 same argon with ion same plasma and etch\$3                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/20 22:48 |
| S16 | 11  | surface with rough\$4 with argon<br>with ion same plasma and etch\$3                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/20 15:58 |
| S17 | 7   | surface with rough\$4 with argon<br>with ion same plasma and bond\$3                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/20 16:04 |
| S18 | 1   | surface with rough\$4 with argon<br>with ion adj beam and bond\$3                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 01:19 |
| S19 | 13  | "6180496"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/20 22:42 |
| S20 | 5   | 2002/0014407 2002/0139772   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/20 22:44 |
| S21 |     | 2002/0014407  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/20 22:43 |
| S22 | 71  | "0014407"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/20 22:44 |

| S23 | 1  | 2002/0139772   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR · | ON  | 2005/03/20 22:44 |
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| S24 | 1  | "20020139772".PN.  | US-PGPUB  | OR   | ON  | 2005/03/20 22:45 |
| S25 | 1  | "20020014407".PN.  | US-PGPUB  | OR   | ON  | 2005/03/20 22:47 |
| S26 | 0  | surface with rough\$4 same argon<br>with ion same plasma and etch\$3<br>and gcib                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/03/20 22:48 |
| S27 |    | surface with rough\$4 same argon with ion same plasma and gcib                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/03/20 22:49 |
| S28 | 8  | surface with rough\$4 same argon<br>and gcib   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/03/20 22:49 |
| S29 | 1  | "5849093".PN. `  | USPAT;<br>USOCR   | OR   | ON  | 2005/03/20 22:49 |
| S30 | 6  | (("5,869,354") or ("6,153,495") or<br>("6,190,778")).PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/03/20 23:14 |
| S31 | 81 | rough\$4 and surface same smooth<br>and detachable with substrate and<br>smooth                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/03/20 23:15 |
| S32 | 1  | rough\$4 and surface same smooth<br>and detachable with substrate and<br>smooth and ion adj cluster  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/03/20 23:15 |
| S33 | 1  | rough\$4 and surface same smooth<br>and detachable with substrate and<br>smooth and ion with cluster | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/03/20 23:16 |
| S34 | 0  | rough\$4 and surface same smooth<br>and detachable with substrate and<br>smooth and gcib             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/03/20 23:16 |

| S35 | 0    | rough\$4 and surface same smooth and detachable and gcib | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/20 23:16 |
|-----|------|--|---|------|----|------------------|
| S36 | 0    | rough\$4 and surface and<br>detachable and gcib          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/20 23:16 |
| S37 | .0   | detachable and gcib                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/20 23:16 |
| S38 | 40   | rough\$4 and surface and gcib                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/20 23:17 |
| S39 | 28   | rough\$4 and surface same smooth and gcib                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2005/10/03 01:19 |
| S40 | 3312 | molecular adj bond\$3                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/20 23:17 |
| S41 | 1    | S39 and S40  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/08/20 23:17 |
| S42 | 13   | rough\$4 adj surface same smooth<br>and gcib             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/10/03 01:19 |
| S43 | 1    | S40 and gcib   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/20 23:20 |
| 544 | 7    | "sf.sub.6" and gcib                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/10/03 01:19 |

| S45 | 1    | "sf.sub.6" and gcib and bond\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;                         | OR | ON  | 2005/03/20 23:34 |
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| S46 | 128  | (438/463):CCLS.   | IBM_TDB  US-PGPUB;  USPAT;  EPO; JPO;  DERWENT;                      | OR | OFF | 2005/10/03 01:19 |
| S47 | 1028 | (438/455).CCLS.   | US-PGPUB;<br>US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/10/03 01:19 |
| 548 | 699  | (438/458).CCLS:   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/10/03 01:19 |
| S49 | 46   | surface with rough\$4 and ion with<br>plasma and detachable with<br>substrate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON  | 2005/10/03 01:19 |
| S50 | 1    | surface with rough\$4 with argon<br>with ion adj beam and bond\$3             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON  | 2005/10/03 01:19 |
| S51 | . 10 | "sf.sub.6" and gcib   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON  | 2005/10/03 01:19 |
| S52 | . 15 | rough\$4 adj surface same smooth<br>and gcib                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON  | 2005/10/03:01:19 |
| S53 | 31   | rough\$4 and surface same smooth and gcib                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON  | 2005/10/03 01:19 |